



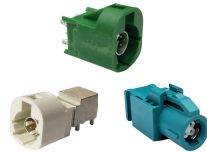
1 Communication Interface

2 Data Transmission



FAKRA

- SMA and SMB interface
- Operates up to 6 GHz
- Secure locking mechanism



High Speed Data FAKRA (HSD)

- High speed data transmission rates up to 6 Gbps
- Four-pin design, 100 ohm impedance
- Secure locking mechanism



Mini FAKRA

- High speed data transmission rates up to 20 Gbps
- Frequency: DC up to 9.0 GHz
- Space saving design



USB Connectors

- USB4 and Type-C 3.1
- Hot-pluggable I/O interface
- EMI/RFI protection

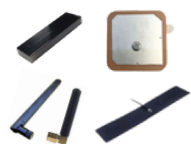


HDMI Connectors

- Mini HDMI, Micro HDMI, HDMI/DisplayPort Stacked Combo, HDMI 2.1
- Mounting Flange
- Waterproof

3 Wireless Communication

4 Internal Module Connection



Antenna

- External and embedded
- 5G, 4G, 3G, and 2G standards
- WiFi and LTE



Secur-Seal Wire-to-Wire Connectors

- IP67 sealed connection
- Securely latched to withstand shock and vibration
- 6mm pitch housings ranging from 2-6 positions



Flexible Printed Circuit

- Zero-wiping contact for reliability
- Single/dual row, thru-hole/SMT, vertical/horizontal
- 0.3, 0.5, 0.8, 1.00, 1.25 pitch (mm)



High Speed Board to Board

- Speeds up to 28 Gbps
- Pitch options: 0.5mm or 0.8mm
- Stack height: 5mm



Wire to Board Power

- Pitch sizes: 2.50mm-6.35mm
- Secure latching system resists vibration